

Substitute Form PTO-1449 (Modified)		U.S. Department of Commerce Patent and Trademark Office	Attorney's Docket No. 12361-014002	Application No. 10/005,745
<b>Information Disclosure Statement by Applicant</b> (Use several sheets if necessary)  (37 CFR §1.98(b))		Applicant X. Steve Yao	Filing Date 11/2/01	Group Art Unit 2873



<b>U.S. Patent Documents</b>							
Examiner Initial	Desig. ID	Patent Number	Issue Date	Patentee	Class	Subclass	Filing Date If Appropriate
CJ	AA	3302028	1/1967	STERZER	359	256	
	AB	3684350	8/1972	WENTZ	359	256	
	AC	3719414	3/1973	WENTZ	359	256	
	AD	4461543	7/1984	McMAHON	359	320	
	AE	5251057	10/1993	GUERIN et al.	359	259	
	AF	5317445	5/1994	DeJULE et al.	359	250	
	AG	5373393	12/1994	DeJULE et al.	359	320	
	AH	5381250	1/1995	MEADOWS	359	39	
	AI	5475525	12/1995	TOURNOIS et al.	359	245	

<b>Foreign Patent Documents or Published Foreign Patent Applications</b>							
Examiner Initial	Desig. ID	Document Number	Publication Date	Country or Patent Office	Class	Subclass	Translation <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
	AJ						

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>		
Examiner Initial	Desig. ID	Document
CJ	AK	E. Toughlian and H. Zmuda, "A photonic variable RF delay line for phased array antennas", J. Lightwave Technol., vol. 8, pp. 1824-828, 1990
	AL	E. Toughlian, H. Zmuda, and P. Kornreich, "A deformable mirror-based beamforming system for phased array antennas", IEEE Photonics Technology letters, vol. 2, No. 6, pp. 444-446, 1990
	AM	C.T. Sullivan, S.D. Mukherjee, J.K. Hibbs-Brenner, and A. Gopinath, "Switched time-delay elements based on AlGaAs/GaAs optical wave-guide technology at 1.32 mm for optically controlled phased array antennas", SPIE Proceedings, vol. 1703, pp. 264-71, 1992
	AN	N.A. Riza, "Transmit/receive time-delay beam forming optical architecture for phased array antennas", Appl. Opt., vol. 30, pp. 4594-4595, 1991
	AO	A. Gutzoulis, K. Davis, P. Hrycak, and A. Johnson, "A hardware-compressive fiber-optic true time delay steering system for phased-array antennas", Microwave Journal, pp. 126-140, September 1994
	AP	R. Soref, "Programmable time-delay devices", Applied Optics, vol. 23, no. 21, pp. 3736-3739, 1984
	AQ	W. Ng, A. Walston, G. Tangonan, I. Newberg, and J.J. Lee, "Wideband fiber-optic network for phased array antenna steering", Electronics Letters, vol. 25, no. 21, pp. 1456-1457, 1989
	AR	D. Dolfi, F. Michel-Gabriel, S. Bann, and J.P. Huignard, "Two-dimensional optical architecture for time-delay beam forming in a phased-array antenna", Optics Letters, vol. 16, no. 4, pp. 255-157, 1991

Examiner Signature <i>John D. Moore</i>	Date Considered 10/31/02
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EXAMINER: Initials citation considered. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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		Filing Date <u>11/21/01</u>	Group Art Unit <u>2873</u>

<b>Other Documents (include Author, Title, Date, and Place of Publication)</b>			
Examiner Initial	Desig. ID	Document	
<u>AS</u>	AS	B. Moslehi, K. Chau, and J. Goodman, "Fiber-optic signal processors with optical gain and reconfigurable weights", Proc. 4 <sup>th</sup> Biennial Department of Defense Fiber Optics and Photonics Conf., McLean, Virginia, pp. 303-309, 1994	
<u>AT</u>	AT	D. Nortton, S. Johns, and R. soref, "Tunable wideband microwave transversal filter using high dispersive fiber delay lines", Proc. 4 <sup>th</sup> Biennial Department of Defense Fiber Optics and Photonics Conf., McLean, Virginia, pp. 297-301, 1994	

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Examiner Signature <u>Shaw</u>	Date Considered <u>10/31/02</u>
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